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rediscovered at the time of its first return. When discovered this year it was in the constellation *Scutum*. Its motion southward and eastward has since taken it into *Sagittarius* and *Capricornus*. Its nearest approach to the Sun was on November 2nd, when it was at a distance of about 91,000,000 miles.

ANNA R. KIDDER.

BERKELEY ASTRONOMICAL DEPARTMENT.

NOTE ON COMET *c* 1913 (NEUJMIN).

According to the orbit published in *Lick Observatory Bulletin*, No. 245, this comet is moving in an ellipse with a period of 17.83 years. The orbit is inclined 15° to the plane of the ecliptic. It is a very interesting fact that the comet's path lies for a short distance very near to the orbit of the planet *Mars*. For a distance of about 40,000,000 miles the two orbits are almost parallel, the comet's path being but 570,000 miles further from the Sun than that of *Mars*. At the present perihelion passage, which occurred on August 16th of this year, *Mars* was considerably ahead of the comet, so that they did not get closer than 100,000,000 miles. The comet is now in the Square of *Pegasus*, but it is too faint to be seen except with the largest telescopes. On November 4th, Professor BARNARD of Yerkes Observatory described the comet as seen in the 40-inch refractor as showing no trace of nebulosity and looking exactly like a star of $13\frac{1}{2}$ magnitude. For a detailed account of the discovery of the comet and its appearance, see the note by Dr. AITKEN on September 23, 1913, printed in these *Publications* for October, 1913. SETH B. NICHOLSON.

BERKELEY ASTRONOMICAL DEPARTMENT.

NOTE ON COMET *d* 1913 (DELAVAN-WESTPHAL).

The fourth comet of the year was discovered by DELAVAN at the La Plata Observatory, Argentina, on September 26th. At that time it was in the constellation of *Aquarius* and was moving westward and northward.

In *Astronomische Nachrichten* 4619, Mr. ADOLF HNATEK gives search ephemerides for the current year corresponding to different assumptions for the period of WESTPHAL's periodic comet. Interpolation from these, on the basis of the